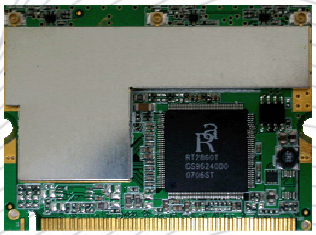

WM5200

802.11n/b/g compliant 2.4GHz Mini-PCI Module

Description

The WM5200 is an IEEE802.11 n/b/g mini-PCI module that connects your notebook to a wireless local area. The WM5200 2*3 MIMO Technology improves effective throughput and range over existing 802.11 b/g products better expands the receiving distance and efficiently eliminates wireless connection dead spots compared with normal 11g products.

The WM5200 is a very small module that can fit into any notebook, handheld or desktop computer equipped with a mini- PCI (Type III B slot) interface for wireless network applications. It allows you to take full advantage of your notebook's mobility with access to real-time information and online services anytime and anywhere. It slides easily into the mini-PCI expansion slot to enable a wireless connection to your network.

Features

- 300 Mbps PHY Rate Support
- 2*3 MIMO Technology improves effective throughput and range over existing 802.11 b/g products
- Qos WMM, WMM-PS,
- Support 802.11n/b/g standard
- Low power consumption
- Operating Systems Support: Windows 2000, Windows XP, Windows Vista, Linux

Specification

Standards	IEEE 802.11 n/b/g standards compliant
Antenna	Detachable antenna
Frequency Range	802.11 n/b/g USA (FCC): 2.412GHz ~ 2.462GHz Europe (ETSI): 2.412GHz ~ 2.472 GHz Japan (TELEC): 2.412GHz ~ 2.483GHz
Number of Selectable Channels	802.11n 20MHz/40MHz ;802.11b/g USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 13 channels
Data Rate	802.11n: up to 300Mbps 802.11b: 1, 2, 5,5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Coverage Area	Up to 12 times faster then existing 802.11 b/g products
Transmit Power(EIRP)	11n HT40 : +17dBm 11b CCK: +19dBm 11g OFDM: +17dBm
Receiver Sensitivity	-65dBm at 300Mbps -70dBm at 54Mpbs, 10% PER -86dBm at 11Mpbs, 8% PER
Power Requirement	3.3Vdc
Dimension	44.6mm(L)*59.9mm(W)*3.1mm(H)
Certifications	FCC, CE

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